

PTO-1390 (Rev. 12-2004)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 416272003800
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/523250 Not Yet Assigned
INTERNATIONAL APPLICATION NO. PCT/US2003/023340	INTERNATIONAL FILING DATE 25 July 2003	PRIORITY DATE CLAIMED 30 July 2002
TITLE OF INVENTION METHOD FOR AUTOMATED, LARGE-SCALE MEASUREMENT OF THE MOLECULAR FLUX RATES OF THE PROTEOME OR THE ORGANOOME USING MASS SPECTROMETRY		
APPLICANT(S) FOR DO/EO/US Marc K. HELLERSTEIN		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:


- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is an **express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.**
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - ☐ is attached hereto (required only if not communicated by the International Bureau).
 - ☒ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - ☐ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). **UNSIGNED - 2 pgs**
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

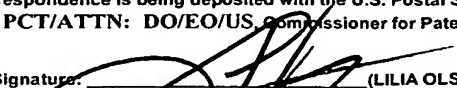
- ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. - 3 pgs
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment - 3 pgs
- ☒ An Application Data Sheet under 37 CFR 1.76. - 2 pgs
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information:
 - Form SB/08a/b - 1 pg w/ 1 - ISR and copies of 8 refs attached
 - Return Receipt Postcard

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
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10/525250		PCT/US2003/023340		416272003800	
21. The following fees are submitted:					
<input checked="" type="checkbox"/>	a) Basic national fee			\$300.00	\$ 300.00
<input checked="" type="checkbox"/>	b) Examination fee			\$200.00	\$ 200.00
<input checked="" type="checkbox"/>	c) Search fee			\$500.00	\$ 500.00
TOTAL OF ABOVE CALCULATIONS =				\$1000.00	\$ 1,000.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
41 - 100 =	0 /50 =	-0-	x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	-0-
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	47 - 20 =	27	x	\$50.00	\$ 1,350.00
Independent claims	2 - 3 =	-0-	x	\$200.00	\$ -0-
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				+	\$ -0-
TOTAL OF ABOVE CALCULATIONS =				\$	2,350.00
<input checked="" type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			\$	1,175.00
SUBTOTAL =				\$	1,175.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+	\$ -0-
TOTAL NATIONAL FEE =				\$	1,175.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$ -0-
TOTAL FEES ENCLOSED =				\$	-0-
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>03-1952</u> in the amount of \$ <u>1,175.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-1952</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Michael R. Ward MORRISON & FOERSTER LLP 425 Market Street San Francisco, CA 94105-2482 CUSTOMER NUMBER: 20872			 SIGNATURE: <u>Michael R. Ward</u> Date: January <u>26</u> , 2005 Registration No. 38,651		

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 470 627 075 US, in an envelope addressed to: MS PCT/ATTN: DO/EO/US, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: January 26, 2005 Signature:  (LILJA OLSEN)

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